

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet 1 of 3

Application Number	10/605,589
Filing Date	October 10, 2003
First Named Inventor	OSBORN, Richard G.
Art Unit	3762
Examiner Name	Unknown
Attorney Docket Number	51487-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HJ		US- 4,199,754	APR 22 1980	Johnson et al.	
		US- 4,287,509	SEP 1 1981	Beggs	
		US- 4,489,308	DEC 18 1984	Logan, Jr. et al.	
		US- 4,150,302	APR 17 1979	Roche	
		US- 6,045,232	APR 4 2000	Buckmaster	
		US- 4,323,820	APR 6 1982	Teich	
		US- 4,642,477	FEB 10 1987	Grzanowski, Jr. et al.	
		US- 6,249,221	JUN 19 2001	Reed	
		US- 5,149,185	SEP 22 1992	Mandy	
		US- 5,365,145	NOV 15 1994	Fields	
		US- 5,426,347	JUN 20 1995	Nilssen	
		US- 5,961,072	OCT 5 1999	Bodle	
		US- 4,148,023	APR 3 1979	Elkin	
		US- 5,174,642	DEC 29, 1992	Brohard et. al.	
		US- 5,471,114	NOV 28, 1995	Edwards et al.	
HJ		US- 5,646,486	JUL 8, 1997	Edwards et al.	
		US- 5,947,208	SEPT 7, 1999	Ha	
		US- 5,955,844	SEPT 21, 1999	Redgate	
		US- 5,982,098	NOV 9, 1999	Redgate	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
HJ		CA 1331649	AU 23 1994	Beyersdorf		

Examiner
SignatureDate
Considered

4/15/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/605,589
		Filing Date	October 10, 2003
		First Named Inventor	OSBORN, Richard G.
		Art Unit	3762
		Examiner Name	Unknown
Sheet 2	of 3	Attorney Docket Number	51487-1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Hy		ANNE MARIE HELMENSTINE, How Do Smoke Detectors Work? Photoelectric & Ionization Smoke Detectors, www.chemistry.about.com/library/weekly/aa071401a.htm	
		MARSHALL BRAIN, How Smoke Detectors Work, How Stuff Works, www.howstuffworks.com/smoke/htm/printable	
		MARSHALL BRAIN, Inside a Smoke Detector, How Stuff Works, www.hotstuffworks.com/inside-smoke.htm/printable	
		Smoke Detectors For Your Home, The Ohio State University Fact Sheet, Food, Agricultural and Biological Engineering, Family Resource Management Department	
		Smoke Alarm Accessories, Invensys, Firex Accessories, www.icca.invensys.com/firex/accessories.htm	
		Relay, http://www.british-cars.org.uk/kimber/electrical/Basics.htm	
Hy		Smoke Detector Type RM-O/2, Approved by the German Institut for Bautechnik, TROX Technik	

Examiner Signature	<i>H. M. Johnson</i>	Date Considered	4/15/05
--------------------	----------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Application Number	10/605,589
Filing Date	October 10, 2003
First Named Inventor	OSBORN, Richard G.
Art Unit	3762
Examiner Name	Unknown
Attorney Docket Number	51487-1

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.